ABSTRACT

An optical module box made of aluminum that has a reworkable glass-sealed fiber feedthru is disclosed. A fiber is inserted through a glass seal and a C-seal for hermetically sealing an opening in the optical module box. In a first embodiment, a module box employing a single-fiber fiber feedthru is described. In a second embodiment, a module box employing a 2-fiber feedthru is described. In a third embodiment, a module box employing a ribbon fiber feedthru is described. A module box having an opening with a single-fiber feedthru, comprising a C-seal; a glass sealed feedthru having a front tube and a back tube, the back tube of the glass sealed feedthru extending through the C-seal; and a fiber passing through the glass sealed feedthru and the C-seal, thereby hermetically sealed into the opening of the module box.